

In the Claims

1. (Currently amended) An information exchange system comprising:

a database coupled to a communication network, said database storing a demand entry comprising shipping demand specifications and a carrier entry comprising carrier availability information, wherein said demand entry and said carrier entry arrive through said communication network; ~~and~~

a logic unit coupled to said database, said logic unit receiving a user request and at least one of said demand entry and said carrier entry through said communication network and formulating a response to said user request; and

a link to a partner system comprising a partner database, wherein said partner database contains entries comprising at least one of demand specifications and carrier availability information.

2. (Canceled)

3. (Original) The information exchange system of claim 1, wherein said logic unit notifies a user when one of a demand entry and a carrier entry is received.

4. (Original) The information exchange system of claim 1, further comprising an Enterprise Resource Planning system that forwards shipping demand specifications and carrier availability information to said database.

5. (Currently amended) The information exchange system of claim 1, wherein said logic unit allows a user to define a subgroup within said exchange system and to limit unrestricted access of at least a portion of said database only to members of said subgroup.

6. (Original) The information exchange system of claim 1, wherein said user request comprises a request for a demand report containing at least a portion of shipping demand specifications.

7. (Original) The information exchange system of claim 6, wherein said user request further comprises a criterion said logic unit uses to decide entries to include in said demand report.

8. (Original) The information exchange system of claim 6, wherein said communication network is the Internet and said demand report comprises hyperlinks to other reports containing at least one of a shipping demand specification and carrier availability information.

9. (Original) The information exchange system of claim 1, wherein said user request comprises a carrier availability report containing at least one entry comprising carrier availability information stored in said database.

10. (Original) The information exchange system of claim 9, wherein said user request further comprises a criterion said logic unit uses to decide entries to include in said carrier availability report.

11. (Original) The information exchange system of claim 9, wherein communication network is the Internet and said carrier availability report comprises hyperlinks to other reports containing details of carrier availability information.

12. (Original) The information exchange system of claim 1, wherein said shipping demand specification comprises at least one of a route, a point of origin, a destination, a vehicle type, date(s) of availability, cargo dimensions, cargo weight, cargo content, and an

offer price.

13. (Original) The information exchange system of claim 1, wherein said carrier availability information comprises at least one of carrier mobile unit routes, point of origin, destination, vehicle type, date(s) of availability, cargo dimensions, cargo weight, cargo content, and a price.

14. (Original) The information exchange system of claim 1, wherein said logic unit alerts a user when one or more parameters of a shipping demand entry match one or more parameters of a carrier availability entry.

15. (Original) The information exchange system of claim 14, wherein said logic unit provides a user with an option to make capacity-based arrangements.

16. (Original) The information exchange system of claim 14, wherein said logic unit provides a user with an option to conduct a transaction over said communication network.

17. (Currently amended) The information exchange system of claim 1, wherein said user request identifies at least one demand entry, and wherein said ~~report is~~ response comprises a match report listing carrier entries having parameters that at least partially match the parameters of the identified demand entry.

18. (Currently amended) The information exchange system of claim 1, wherein said user request identifies at least one carrier availability entry and said ~~report is~~ response comprises a match report listing shipping demand entries having parameters that at least partially match the parameters of the identified carrier availability entry.

19. (Original) The information exchange system of claim 1, wherein said user request comprises one of an implied request and an express request for said logic unit to store

received information in said database.

20. (Original) The information exchange system of claim 1, further comprising a fleet monitoring system that monitors locations of delivery vehicles.

21. (Original) The information exchange system of claim 20, wherein said logic unit alerts a delivery vehicle when a new demand entry matches a location of said delivery vehicle as determined by said fleet monitoring system.

22. (Original) The information exchange system of claim 20, wherein each of said delivery vehicles contains a GPS unit and a wireless modem that transmits location data for each of said delivery vehicles to said fleet monitoring system.

23. (Original) The information exchange system of claim 22, wherein said wireless modem provides an Internet connection to the fleet monitoring system.

24. (Original) The information exchange system of claim 20, wherein at least one of said delivery vehicles contains a portal allowing a driver to see demands from the database.

25. (Original) The information exchange system of claim 20, wherein a GPS unit and a wireless modem in one of said delivery vehicles automatically transmit location data for said delivery vehicle to the fleet monitoring system, and the logic uses the location data in determining whether to send an alert to the delivery vehicle.

26. (Original) The information exchange system of claim 1, wherein said logic unit formulates said response when a new entry is received.

27. (Original) The information exchange system of claim 1, wherein said logic unit formulates said response at a predetermined time interval.

28. (Original) The information exchange system of claim 1, wherein said response is a business analysis report comprising at least one of said demand entries and said carrier entries entered into said database during a selected date range and details of transactions relating to said entries.

29. (Original) The information exchange system of claim 1, wherein said shipping demand specification comprises an offer price and said carrier availability information comprises a bid price, and wherein said logic unit arranges a transaction between a shipper and a carrier based on the difference between said offer price and said bid price.

30. (Currently amended) A method comprising:

receiving a request from a user;

receiving ~~at least one of either~~ a demand entry ~~and or~~ a carrier entry from said user, said demand entry comprising shipping demand specifications and said carrier entry comprising carrier availability information;

storing said received demand entry or said received carrier entry in a database having a plurality of demand entries or carrier entries; and

using said demand or carrier entries in said database to formulate a response to said request; and

accessing a partner database and transferring data from said partner database to said database, said partner database comprises at least one of shipping demand specification and carrier availability information.

31-32. (Canceled)

33. (Original) The method of claim 30, wherein said database receives at least one of a request and an entry from Enterprise Resource Planning system.

34. (Original) The method of claim 30, further comprising allowing a user to define a subgroup of shippers and carriers and granting unrestricted access to said database only to said subgroup.

35. (Currently amended) The method of claim 30, further comprising comparing parameters of said received demand entry ~~and parameters of~~ or of said received carrier entry to demand or carrier entries in said database and notifying said user if parameters of said received demand entry or received carrier entry at least partially match the parameters of said at least one of said carrier entry entries or of at least one of said demand entries in said database.

36. (Currently amended) The method of claim 35, wherein said received demand entry comprises an offer price and said received carrier entry comprises a bid price, further comprising executing a transaction over a communication network between a first user who entered said offer price and a second user who entered said bid price.

37. (Original) The method of claim 35, further comprising providing a user with at least one of matching demand specifications and matching availability information.

38. (Original) The method of claim 30, wherein said request comprises at least one criterion and wherein said response comprises at least one entry that meets said criterion.

39. (Currently amended) The method of claim 30, wherein said received demand entry or said received carrier entry comprises at least one of a route, a point of origin, a destination, a vehicle type, a date(s) of availability, cargo dimensions, cargo weight, cargo

content, and a price.

40. (Original) The method of claim 30, further comprising monitoring locations of delivery vehicles.

41. (Original) The method of claim 39, further comprising alerting a delivery vehicle when the location of said delivery vehicle matches a parameter of a demand entry.

42. (Currently amended) The method of claim 39, wherein said delivery vehicle comprises a location determining unit and a wireless communication device connected to a communication network.